



PATENT  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

#6

DOUGLAS E. TRENT et al.

Serial No.: 09/666,804

Examiner: *to be assigned*

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Art Unit: 2635

For: PORTABLE SECURITY CONTAINER

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

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Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites and provides copies of the following art references:

	<u>U.S. Patent No.</u>	<u>Inventor(s)</u>	<u>Issued Date</u>
✓	4,750,197	Denekamp <i>et al.</i>	06/07/88
✓	4,688,244	Hannon <i>et al.</i>	08/18/87
✓	4,727,369	Rode <i>et al.</i>	02/23/88
✓	4,914,732	Henderson <i>et al.</i>	04/03/90
✓	4,926,665	Stapley <i>et al.</i>	05/22/90
✓	4,988,987	Barrett <i>et al.</i>	01/29/91
✓	5,131,038	Puhl <i>et al.</i>	07/14/92

✓	5,172,970	Momose <i>et al.</i>	12/22/92
✓	5,218,188	Hanson	01/08/93
✓	5,219,386	Kletzmaier <i>et al.</i>	01/15/93
✓	5,225,825	Warren	07/06/93
✓	5,229,648	Sues <i>et al.</i>	07/20/93
✓	5,278,395	Benezet	01/11/94
✓	5,299,436	Spitzer	04/05/94
✓	5,321,242	Heath, Jr.	06/14/94
✓	5,345,379	Brous <i>et al.</i>	09/06/94
✓	5,385,039	Feldpausch <i>et al.</i>	01/31/95
✓	5,389,919	Warren <i>et al.</i>	02/14/95
✓	5,397,884	Saliga	03/14/95
✓	5,451,757	Heath, Jr.	09/19/95
✓	5,541,581	Trent	07/30/96
✓	5,701,828	Benore <i>et al.</i>	12/30/1997
✓	5,905,446	Benore <i>et al.</i>	5/18/1999
✓	6,082,153	Schoell <i>et al.</i>	07/04/00
✓	6,072,402	Kniffin <i>et at.</i>	06/06/00
✓	6,057,779	Bates	05/02/00
✓	5,774,058	Henry <i>et al.</i>	06/30/1998
✓	6,161,005	Pinzon	12/12/00

<u>Foreign Patent No.</u>	<u>Inventor</u>	<u>Publication Date</u>
✓ WO 97/22772	Pogson <i>et al.</i>	06/26/97
✓ DECROS® Security Box RS		date unknown
✓ DECROS® Security Box IR		data unknown

### DISCUSSION

U.S. 4,750,197 to Denekamp et al., entitled *Integrated Cargo Security System*. Denekamp '197 contemplates a uniformly appearing, selectively configurable container security module divided into to a first part secure to the container and second part removable from the container. The first part access the receptacle for the second part and includes wiring that may be connected to a storage battery, and mounted on the roof of the container with sensors located on each door to determine whether the door are in open or closed states. The security system contemplates determining the distance the container has been transported and location-determining apparatus, and generation of real-time status report.

U.S. 4,688,244 to Hannon et al., entitled *Integrated Cargo Security System*. Hannon '244 discloses an integrated cargo transportation system using a door sensor, a module associated with each container, a removable module, a central data collection and processing facility for receiving reports of cargo trip data, and incremental distance detector for monitoring travel of the

container and means for transferring the sequence stored in the memory to central data collection and processing facility.

U.S. 4,727,369 to Rode et al., entitled *Electronic Lock and key System*. Rode '369 uses a master controller to provide central recording of activity in the security system, a subcontroller for making decisions regarding ingress and egress through a plurality of terminal controllers coupled to each of the subcontrolled means, for accepting entry codes each of locks and opening and closing each of the locks.

U.S. 4,914,732 to Henderson et al., entitled *Electronic Key with Interactive Graphic User Interface* relates to an electronic key for an electronic lock system is provided with graphical user interface which can display a plurality of symbols corresponding to a plurality of functions that the key can cause the lock to execute. An operator of the key moves a visual indicia among these symbols to select a desired function. The key then transmits instructions to the lock causing the selected function to be executed.

U.S. 4,926,665 to Stapley et al., entitled *Remotely Programmable Key and Programming Means Therefor* relates to the remote programming of a programmable key which can be programmed with the key code required to operate a particular lock in a manner which enables the programming to take place at a location which is remote from that where the code is held.

U.S. 4,988,987 to Barrett et al., entitled *Keysafe System with Timer/Calendar Features* relates to an electronic lock system in which a key can be assigned a limited lifetime, such as by storing data indicative of an expiration date in a key memory. Whenever the key is used with a lock, the lock first examines this key data and verifies that the key is still timely before performing any operations. .

U.S. 5,131,038 to Puhl et al., entitled *Portable Authentication System* personal identity authentication system is provided in which parametric data of an authorized possessor is encrypted into a memory of a portable transceiver device. The portable transceiver device, carried by a possessor, may be activated by an identity request transmitted from a nearby, authorized verification device. Upon activation, the portable transceiver transmits the encrypted data to the verification device which, when decoded by a verification unit, provides positive identification of the authorized possessor.

U.S. 5,172,970 to Momose et al., entitled *Electric Locker Apparatus with Emergency Unlocking* relates to an electric locker apparatus including an electric lock device operative to normally control opening and/or closure of the door of a locker box which is provided with an emergency unlocking device for forcibly opening the door in case of an emergent situation.

U.S. 5,218,188 to Hanson, entitled *Compact Hand-Held RF Data Terminal* relates to a compact, hand-held data terminal includes a data display and an alpha-numeric keyboard and a bar

code reader provision for manual data entry. The data terminal further includes an RS 232-C data interface for downloading accumulated data into a central computer. The data terminal further includes a transceiver module which provides for an RF communications link to a central computer. An antenna for the transceiver module is contained within the a lower portion of the housing of the data terminal along side walls of a battery compartment. In operation, the data terminal may be inserted into a data transfer cradle coupled to data processing equipment, thereby coupling the data processing equipment via the RF link to the central computer.

U.S. 5,219,386 to Kletzmaier et al., entitled *Locker Unit Comprising a Plurality of Lockers*. Kletzmaier '386 has a plurality of lockers each provided with its own door and locking device constructed with a mechanical lock and an auxiliary lock attached to the door adjacent to a keyhole in a mechanical lock.

U.S. 5,225,825 to Warren, entitled *Electronic Interlock for Storage Assemblies* relates to electronically controlled storage assemblies with electronic interlock locking control assemblies.

U.S. 5,229,648 to Sues et al., entitled *Multi Element Security System*. Sues '648 discloses a plurality of component control units each associated with a selected component of a piece of equipment and a central processing unit located within a piece of equipment having a memory for each altered code of each component control unit and means for transmitting a code to each component control unit, as well as for verifying the altered codes received.

U.S. 5,278,395 to Benezet, entitled *Portable Electronic Access Controlled System for Parking Meters of the Like*. Benezet '395 shows a portable device with an electronic storage memory, a transfer module design to be coupled temporarily with at least the portable object in order to set up a communication link with a memory and a set of specialized portable objects for the access control that have a free access state in which operation of devices achieved without having recourse to a portable object for access control and a control access state in which the working device is conditional upon the coupling to one of the portable objects.

U.S. 5,299,436 to Spitzer, entitled *Fast Access Electronic Locking System*. Spitzer '436 discloses a security apparatus with means for securing a unit to be protected, to a supporting surface, a fast access locking system including means for reusably securing and openable means, a passive receiving means responsive to a magnetic signal and an active means for energizing keys supplying a magnetic signal, as well as means for electronic magnetically coupling the key and receiver to transmit electro magnetic power.

U.S. 5,321,242 to Heath, Jr., entitled *Apparatus and Method for Controlled Access to a Secured Location*. Heath '242 discloses a method of generating a signal containing encoded information identifying an access code only for a particular secure location, with access code in the encoded information being a present access code and the encoded information also containing a new access code for the next authorized access to the secured location.

U.S. 5,345,379 to Brous et al., entitled *System for Controlling Access to Subsystems*. Brous '379 provides a plurality of cards individually encoded with identifying information for a prospective operator, a card reader, a plurality of free lays individually connected to the appliances, a control board receiving authorizing information indicative of prospective operators authorized to use appliances, a computer receiving the authorizing information and communication link between the computer, a card reader, the control board and relays.

U.S. 5,385,039 to Feldpausch et al., entitled *Electronic Lock*. Feldpausch '039 contemplates a housing, a manually depressible plunger assembly carry by the housing, and the catch assembly for securing the plunger assembly in the locked position when a control signal is input into the receiver.

U.S. 5,389,919 to Warren et al., entitled *Electronic Interlock for Storage Assemblies with Communication*. Warren '919 contemplates a housing defining an enclosure, a plurality of electronically controlled independent locks, electrical controller connected to the locks, control means including an electrical input means receiving an input code, electrical data memory means separate from input means for storing priority of access codes, position means operatively connected to each other storage unit for producing an enable signal only one all of storage unit are in close position and a disable signal on at least one of storage units is in open position.



U.S. 5,397,884 to Saliga, entitled *Electronic Key Storing Time-Varying Code Segments Generated by a Central Computer and Operating with Synchronized Off-Line Locks*. Saliga '884 discloses an access-regulating apparatus, a linking apparatus and a central means issuing a link code, with access-regulating apparatus having an access clock with output, and access computer having access memory and an actuator.

U.S. 5,451,757 to Heath, Jr., entitled *Apparatus and Method for Controlling Access to a Secured Location*. Heath '757 discloses a method providing selective access to cash receiving device while preventing unauthorized access, by generating an access message containing a present access code and a new access code for subsequent authorized access.

U.S. 5,541,581 to Trent, entitled *Electronic Combination Lock Security System*. Trent '581 discloses an electronic combination lock contemplates a key insertable into a lock cylinder that supplies power to a solenoid to attract a bolt and to actuate lock cylinder to move the bolt to an unlocked position, and a combination dial system having a housing accommodating a combination dial and spindle couple to a combination lock, and combining mechanical and electronic lock having a bolt mechanism for preventing rotation of the combination dial when in a protracted position.

U.S. 6,082,153 to Schoell et al., *Anti-Tampering Device for Use with Spring-Loaded Electronically Moved Pin Locking Mechanisms in Electronic Locks and the Like*. Schoell '153 discloses an anti-tamper locking assembly with electrical moving means selectively activated by the

electronic circuit, for moving a pin that is normally maintain in a first position in an on-energized states, with pin having an over-hanging portion that extends laterally from at least one side of pin.

Benore et al. '828 shows alternative embodiments using a portable electronic key to drive an electrically actuatable element that regulates movement of the locking mechanism from a locking condition to an unlocking condition, in an electronic safe deposit box system. A print circuit within the safe deposit lock system "is designed to receive electrical power and access core information from an external source, and to actuate in control electro mechanical actuator 96 upon receipt of a proper access code.

Benore et al. '446 shows a portable electrically powered key used to control access to a storage location secured by a cam latch, by releasing a NiTiNOL Wire 190. Three levels of access are set by the Applicant to be possible.

Kniffin '402 contemplates a process of establishing communication between central station and user that remote from the central station, identification to the central station of the lock to which the user seeks access, a transmission to the lock of radio authorizing signal, and identification of the presence of the user at a lock and operation of the mechanism enabling entry to the are secure by the lock.

Bates '779 suggest controlling access to a movable container with a memory supported by

a vehicle configured to store a location coordinate, and a global positioning system supported by the vehicle and coupled to the memory and to the lock, and configured to enable the lock to unlock the door if the vehicle is within a predetermined distance of the location coordinate.

Henry '058 discusses a remote access system that includes the computer, a key receptacle electrically coupled to the computer and electronic lock configured to activate and deactivate a locking mechanism of a lockable device. The remote user is able to fully operate the lock by administering and collecting data regarding in amount and time during which the user has gained access to the lock.

*The DECROS® Security Box IR* describes a security box protecting both encryption keys and passwords with an access password that must be entered in order to retrieve the keys from the Security Box.

*The DECROS® Security Box RS* contemplates encryption keys and passwords in a Security Box protected by an access password. The Security Box may be connected to the serial port of a desktop or portable computer.

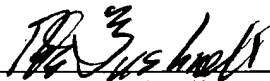
Pinzon '005 contemplates a door locking mechanism with a door mounting telephone handset with a door, a harness electronically connecting the telephone handset to a power supply into a controller, and radio frequency or optical line-of-sight receiver connected to the controller.

Pursuant to 37 C.F.R. §1.97(e), no item of information contained in the Information Disclosed Statement were cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relative arts.

No fee is incurred by filing this Information Disclosure Statement.

Respectfully submitted,

  
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